

## ABSTRACT OF THE INVENTION

The invention provides a biochemical method for visualizing cellular organelles (such as centrosome) and/or cytoskeletons (such as microtubules) through the use of crystallizing agents (such as tetrazolium salts), a kit containing crystallizing agents adapted for such uses, and to methods particularly for detecting neoplastic cells in a tissue sample, suspension, or a fluid sample by examining the cells for abnormalities of cellular organelles (such as centrosome) and/or cytoskeletons (such as microtubules) in the number and shapes.

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